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(54) Title: METHODS FOR SCREENING FOR AGENTS CAPABLE OF MODULATING T LYMPHOCYTE FUNCTION IN RESPONSE TO A HERPES SIMPLEX VIRUS-INFECTED CELL

(57) Abstract: Disclosed are methods for screening an agent for activity in modulating a T lymphocyte. The methods generally comprises contacting a HSV U₃-expressin cell with a T lymphocyte in the presence or absence of the agent and monitoring a physiological change associated with CTL function to determine whether the agent modulates CTL activity. In particular, the HSV U₃-expressing cell line can be a HSV-infected fibroblast and the physiological change associated with CTL function is a reduction or inhibition of the phosphorylation of HSP90 and/or a 50 kD CTL protein. Also disclosed are methods for blocking suppression of CTL activity against HSV-infected target cells, as well as methods for suppressing CTL activity against a target antigen.



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